

## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series	2S
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	7.30 - 8.20 mm
Status	active
Matching parts	<a href="#">ERA.2S.307.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	30.13 g

### Performance

Configuration	2S.307 : 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

### Specifications

Contact Type: Solder
Vtest: 800 V (AC), 1200 V (DC)
Vtest: 800 V (AC), 1200 V (DC)

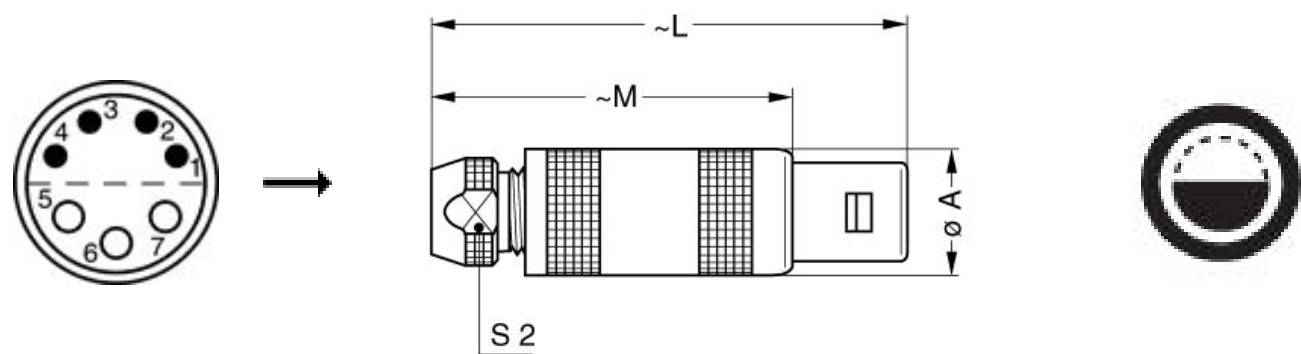
### Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C

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Humidity (max): <=95% [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >144 hr

# DRAWINGS



## Dimensions

	A	L	M	S2
mm.	14.8	52	40	11
in.	0,58	2,05	1,57	0,43

# RECOMMENDED BY LEMO

## Tools

Spanner wrench: [DCD.2S.025.PA110](#)

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